

SEQUENCE LISTING

<110> Kimura, Naoki
Toyoshima, Tomoko

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 06501-040002

<140> US 09/855,266
<141> 2001-05-14

<150> US 09/411,722
<151> 1999-10-01

<150> PCT/JP98/01511
<151> 1998-04-01

<150> JP 9/099653
<151> 1997-04-01

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 176
<212> PRT
<213> Mus musculus

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1 5 10 15
Leu Leu Leu Asn Leu Phe Leu Pro Val Ile Phe Ala Met Pro Glu
20 25 30
Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser Asn Asp Val
35 40 45
Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala Pro Cys Lys
50 55 60
Ile Pro His Thr Gln Gln Cys Glu Lys Cys His Pro Gly Thr Phe
65 70 75 80
Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys
85 90 95
Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg
100 105 110
Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Asp Pro Lys Phe Pro
115 120 125
Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu
130 135 140
Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser Ser Val Ser
145 150 155 160
Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val Phe Cys Ile
165 170 175

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<211> 148

<212> PRT
<213> Mus musculus

<400> 2

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Ala Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His
   35          40          45
Pro Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu
   50          55          60
Cys Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala
   65          70          75          80
Thr Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp
   85          90          95
Pro Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly
   100         105         110
Ile Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser
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Ser Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile
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Val Phe Cys Ile
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<212> DNA

<213> Mus musculus

<220>

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ttc ctc

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50

98

Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser
30 35 40 45

146

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aat gat gtc tgt tgc aag acc tgt ccc tca ggt aca ttt gtc aag gcg
Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala
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194

ccc tgc aaa atc ccc cat act caa gga caa tgt gag aag tgt cac cca
 Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro
 65 70 75

242

gga aca ttc aca ggg aaa gat aat ggc ctg cat gat tgt gaa ctt tgc
Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys

80	85	90	
tcc acc tgt gat aaa gac cag aat atg gtg gct gac tgt tct gcc acc Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr			338
95	100	105	
agt gac cg ^g aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro			386
110	115	120	125
aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile			434
130	135	140	
cct gtc ctc cag gaa tgc aac tcc aca gct aac act gtg tgc agt tca Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser			482
145	150	155	
tct gtt tca aat ccc aga aac tgg ctg ttc cta ctg atg cta att gtc Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val			530
160	165	170	
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175			
cttttattgc tgtgaagaga aaccatggag gcaactctt cattttattt tatttttaa tgcttgaac ttgattgaa gaccaggctg gactcaaact cacagagatc cggacttaggc			639
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cag ^t ccatgt ttaatctact actttctctc tgctctggac tcatccagat gtctctgg ^t			1359
gagctctccc tcctatctac aataaaaac ^t tcccccta ^t ac cagaaatgg ^t acagttt ^t gt			1419
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<210> 4
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<212> DNA
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<220>
<223> Synthetically generated primer

<400> 4
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43

<210> 5
<211> 26
<212> DNA

<213> Artificial Sequence

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<223> Synthetically generated primer

<400> 5
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<210> 6
<211> 29
<212> DNA
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<223> Synthetically generated primer

<400> 6
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<210> 7
<211> 29
<212> DNA
<213> Artificial Sequence

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<223> Synthetically generated primer

<400> 7
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<210> 8
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 8
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<210> 9
<211> 24
<212> DNA
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<223> Synthetically generated primer

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<210> 10
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<212> DNA
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<223> Synthetically generated primer

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<210> 11
<211> 36
<212> DNA
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<220>
<223> Synthetically generated primer

<400> 11
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<210> 12
<211> 35
<212> DNA
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<400> 12
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<210> 13
<211> 123
<212> PRT
<213> Mus musculus

<400> 13
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Thr Lys Cys His Lys Gly Thr Tyr Leu Val Ser Asp Cys Pro Ser Pro
20 25 30
Gly Arg Asp Thr Val Cys Arg Glu Cys Glu Lys Gly Thr Phe Thr Ala
35 40 45
Ser Gln Asn Tyr Leu Arg Gln Cys Leu Ser Cys Lys Thr Cys Arg Lys
50 55 60
Glu Met Ser Gln Val Glu Ile Ser Pro Cys Gln Ala Asp Lys Asp Thr
65 70 75 80
Val Cys Gly Cys Lys Glu Asn Gln Phe Gln Arg Tyr Leu Ser Glu Thr
85 90 95
His Phe Gln Cys Val Asp Cys Ser Pro Cys Phe Asn Gly Thr Val Thr
100 105 110
Ile Pro Cys Lys Glu Thr Gln Asn Thr Val Cys
115 120